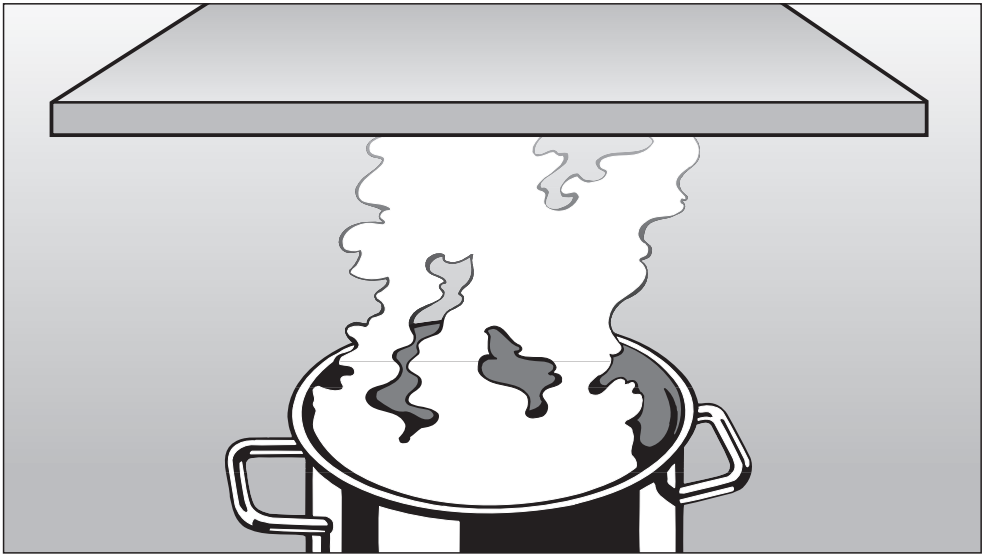
Operating and installation instructions



Cooker hood
DA 5330 D

To avoid the risk of accidents or damage to this appliance it is **essential** to read these instructions before it is installed and used for the first time.

en - GB

M.-Nr. 07 262 280

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Disposal of the packing material

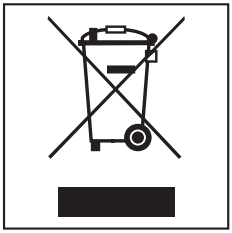
The transport and protective packing has been selected from materials which are environmentally friendly for disposal, and can normally be recycled.

Packaging e.g. cling film, polystyrene and plastic wrappings must be kept out of the reach of babies and young children. Danger of suffocation!

Dispose of or recycle all packaging materials safely as soon as possible.

Disposal of your old appliance

Electrical and electronic appliances often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Please do not therefore dispose of it with your household waste.



Please dispose of it at your local community waste collection / recycling centre or contact your dealer for advice. Ensure that it presents no danger to children while being stored for disposal.

It should be unplugged or disconnected from the mains electricity supply by a competent person.

This appliance complies with all relevant local and national safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before using it for the first time. They contain important information on the safety, installation, use and maintenance of the appliance.

Keep these instructions in a safe place and ensure that all users are familiar with the contents. Pass them on to any future owner of the appliance.

Correct application

▶ This appliance is intended for domestic use only.
Any other usage is at the owner's risk and could be dangerous. The manufacturer cannot be held liable for damage resulting from incorrect or improper use or operation.

▶ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience or knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety.

Safety with children

▶ This appliance is only intended for use by adults who have read these instructions.

▶ This appliance is not a toy! To avoid the risk of injury, keep children well away and do not allow them to play with it or to use the controls. They will not understand the potential dangers posed by it. They should be supervised whenever you are working in the kitchen.

▶ Older children may use the cooker hood only when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.

▶ Please be aware that on cooker hoods with halogen lighting, the lamps will get very hot during use and remain hot for some time after switching off. To safeguard against burning, keep children well away from the lamps at all times.

Technical safety

▶ Before installation, check the cooker hood for visible signs of damage. Under no circumstances should you use a damaged appliance. A damaged appliance is dangerous.

▶ Before connecting the appliance to the mains supply, make sure that the voltage and frequency details given on the data plate correspond with the on-site electricity supply, otherwise the appliance could be damaged. Consult a qualified electrician if in any doubt.

▶ The electrical safety of this appliance can only be guaranteed when continuity is complete between the appliance and an effective earthing system which complies with current local and national safety regulations. It is most important that this basic safety requirement is present and tested regularly, and where there is any doubt, the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

▶ For safety reasons, this appliance may only be used when it has been fully installed.

▶ Only open the housing as described in the instructions given in the installation sheet. Under no circumstances should any other parts of the housing be opened. Tampering with electrical connections or components and mechanical parts is highly dangerous to the user, and can cause operational faults.

▶ Installation, maintenance and repairs may only be carried out by a Miele authorised person in accordance with current national and local safety regulations.
Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

▶ Faulty components must only be replaced by genuine Miele original parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.

▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:

– it is switched off at the isolator, or
– the screw-out fuse is removed (in countries where this is applicable), or
– the mains fuse is disconnected, or
– it is switched off at the wall socket and the plug withdrawn, or
– the fuse from the fused spur connection unit is withdrawn.

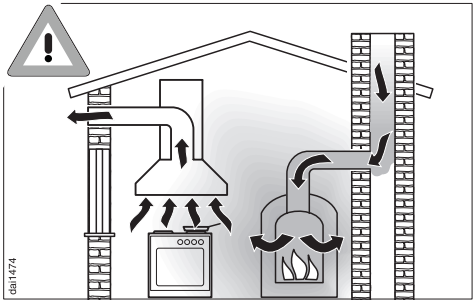
▶ Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

▶ This appliance may only be used in mobile installations such as ships, caravans, aircraft etc. if a risk assessment of the installation has been carried out by a suitably qualified engineer.

▶ In countries where there are areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the guarantee.

Using at the same time as other heating appliances that depend on the air from the room

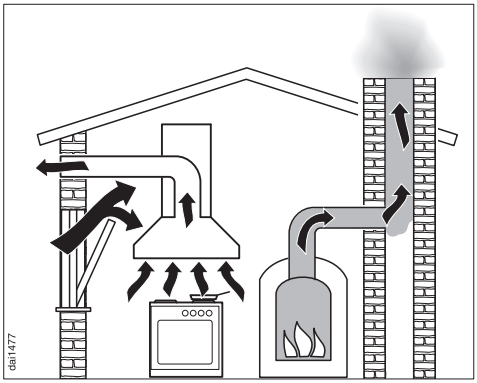
Warning - danger of toxic fumes



▶ Great care should be taken when using the cooker hood at the same time and in the same room or area of the house as another heating appliance which depends on the air in the room. Such appliances include gas, oil, wood or coal-fired boilers and heaters, continuous flow or other water heaters, gas hobs, cookers or ovens which draw air in from the room and duct exhaust gases out through a chimney or extraction ducting.
When used in extraction mode, the appliance draws air in from the room in which it is installed **and** from neighbouring rooms.
If there is insufficient air, an underpressure will occur. The heating appliance may be starved of oxygen, impairing combustion.

Harmful gases could be drawn out of the chimney or extraction ducting back into the room, with potentially fatal consequences.

In order to ensure safe operation, and to prevent gases given off by the heating appliances from being drawn back into the room when the cooker hood and the heater are in operation simultaneously, an underpressure in the room of 0.04 mbar (4 pa) is the maximum permissible.



Ventilation can be maintained by air inlets which cannot be blocked, in windows, doors and outside wall vents, or by other technical measures, such as ensuring that the cooker hood can only be switched on when the heating appliance is switched off or vice versa. A ventilation brick alone is not generally sufficient to ensure safe ventilation.

⚠ The overall ventilation condition of the dwelling must be taken into account. If in any doubt, the advice of a competent builder or, for gas, a "Corgi" installer, must be sought.

One of the following technical measures may be necessary to ensure safe operation.

– If the only way of ensuring adequate ventilation is via an open window, a window contact switch should be fitted to ensure that the cooker hood can only operate when the window is opened sufficiently. A window contact switch kit is available from good builders' merchants.
  Take care when ventilating the room through an open window that ventilation is not impaired by a closed blind or curtain.

– The cooker hood can be set up to automatically switch on an air intake fan or open a motorised inlet flap when it is switched on.

– The cooker hood can be set up to automatically switch off a heating appliance which also depends on the air from the room when it is switched on.

The Miele DSM 400 control module offers the possibility of combining other components with the cooker hood (see "Operation with Control module DSM 400").
It is available to purchase as an optional extra.

If in any doubt, the advice of a competent builder or, for gas, a "Corgi" installer, must be sought.

If the hood is being operated in recirculation mode, the above restrictions do not apply.

Correct use

▶ Never use an open flame beneath the cooker hood. To avoid the danger of fire, do not flambé or grill over an open flame under the cooker hood. When switched on, the cooker hood could draw flames into the filter. Fat particles drawn into the cooker hood present a fire hazard.

▶ When using the cooker hood over a gas hob, ensure that any burners in use are always covered by a pan. Switch the cooking zone off when a pan is removed, even for a short time. Regulate the flame so that it does not burn up the sides of the pan.
Do not allow the pans to overheat excessively (e.g. when using a wok). The cooker hood can become damaged when exposed to excessive heat.

▶ Always switch the cooker hood on when a cooking zone is in use, otherwise condensation may collect in the hood, which could cause corrosion.

▶ When cooking with oil or fat, chip pans and deep fat fryers etc, do not leave the pans unattended. Never leave an open grill unattended when grilling. Overheated oil and fat can ignite and could set the cooker hood on fire.

▶ Do not use the cooker hood without the filters in place. This way you will avoid the risk of grease and dirt getting into the appliance and hindering its smooth operation.

▶ The filters should be regularly cleaned or changed as appropriate. Saturated filters are a fire hazard. See "Cleaning and care".

▶ Do not use a steam-cleaner to clean this appliance. Pressurised steam could reach the electrical components and cause a short circuit.

Correct installation

▶ Refer to the cooker or hob manufacturer's instructions as to whether a cooker hood may be operated above the cooker/hob.

▶ The minimum safety distances between the top of the cooker or hob and the bottom of the cooker hood given in the "Appliance dimensions" section of this booklet must be maintained, unless the hob manufacturer states that a greater safety distance is required.

If more than one appliance is fitted beneath the cooker hood and they have different minimum safety distances to the cooker hood, select the greater distance.

▶ Safety regulations prohibit the fitting of a cooker hood over solid fuel stoves.

▶ All ducting, pipework and fittings must be of non-flammable material. These can be obtained from the Miele Spare Parts department or from builders' merchants.

▶ The appliance must not be connected to a chimney or vent flue which is in use. Neither should it be connected to ducting which ventilates rooms with fireplaces.

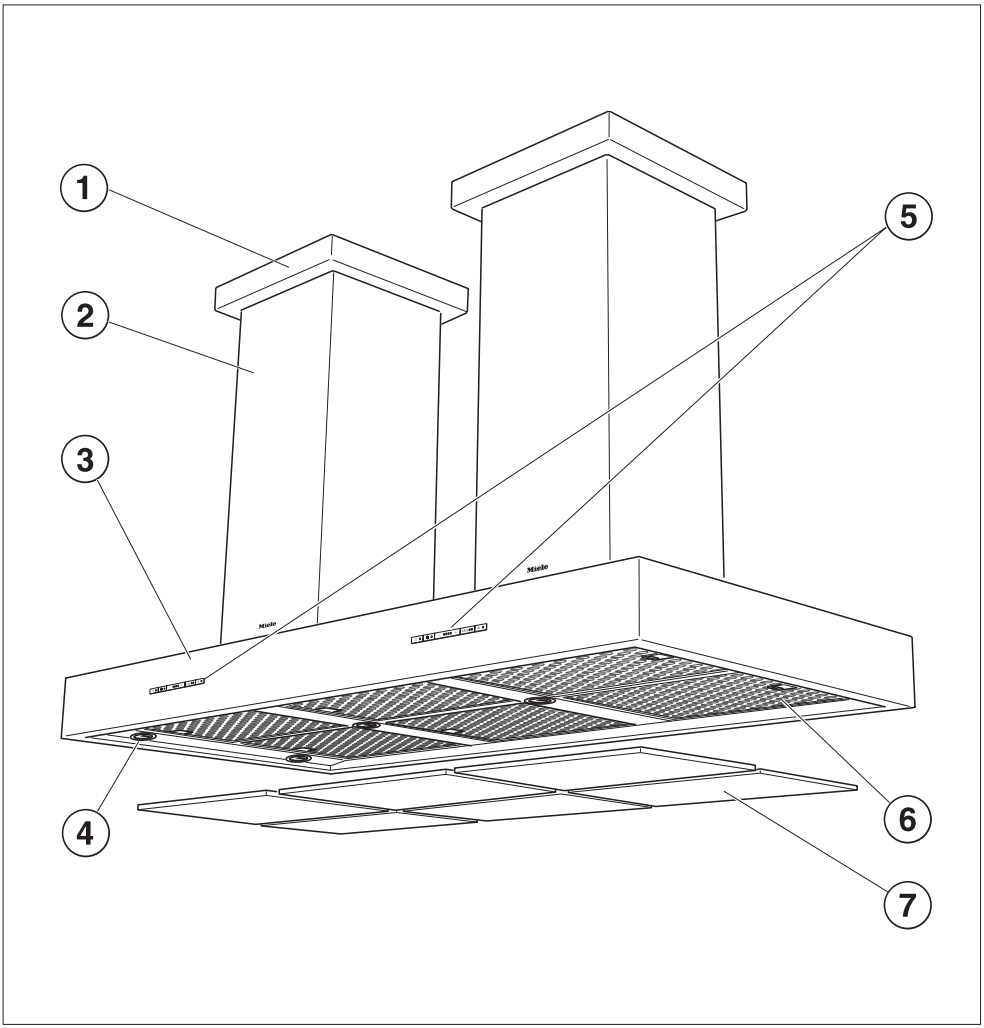
▶ If exhaust air is to be extracted into a chimney or ventilation duct no longer used for other purposes, seek professional advice.

Accessories

▶ Only use genuine Miele spare parts and accessories with this appliance. If spare parts or accessories from other manufacturers are used, this will invalidate the guarantee, and Miele cannot accept liability.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

Guide to the appliance



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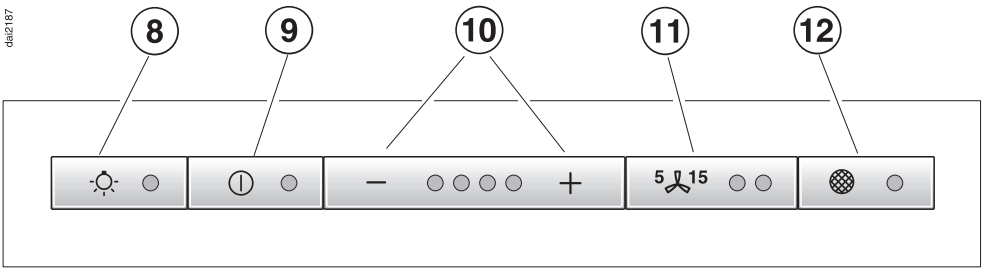


① **Cover plate**

② **Tower**

③ **Canopy**

④ **Hob lighting**

⑤ **Controls**

The two sides of the cooker hood can be operated independently of one another.

⑥ **Grease filters**

⑦ **Cover panels** Miele DDI 5330

(optional accessory)

One set contains 6 cover panels

⑧ **Touch control for the hob lighting**

This control switches the lighting on and off, and is also a dimmer switch.

⑨ **On/Off touch control for the fan**

⑩ **Touch controls to select fan power level**

⑪ **Touch control for the run-on option**

To activate the run-on option. The fan can be set to continue running, and to switch off automatically after either 5 or 15 minutes.

⑫ **Touch control for the grease filters**

The indicator lamp for the grease filters lights up when the grease filters need to be cleaned.

The touch control is used to reset the operating hours counter every time the grease filters are cleaned (see "Cleaning and care").

It can also be used to check and alter the operating hours counter.

For information about using the appliance, see "Operation".

Mode of operation

The cooker hood works with

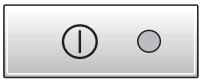
. . . air extraction:

The air is drawn in, cleaned by the grease filters and directed outside.

The cooker hood is fitted with a **non-return flap** in each of the towers. These close closed when the cooker hood is switched off. No exchange of room air and outside air can take place. When the cooker hood is switched on, the non-return flaps open for the cooking vapours to be blown directly outside.

The two sides of the cooker hood can be operated independently of one another.

To switch a fan on

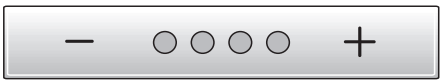


■ Press the On/Off control.

The fan runs at power level "II".
The indicator lamp will come on.

If the cooker hood has been connected to a window contact switch via two Miele DSM 400 control modules, then the fans cannot be switched on if the window is shut. The indicator lamps will flash.

To select a power level



■ Use the **–** / **+** controls to select the power level required.

+ control = higher setting
– control = lower setting

Depending on the intensity of cooking vapours, levels "I" to "III" (green indicator lamps) are usually sufficient for normal cooking.

Intensive setting

When frying or cooking food with a strong aroma, you may wish to select the Intensive setting, level IV (yellow indicator lamp), for a short period.

Automatic switch-off of the Intensive setting

You can set the Intensive setting so that it only runs for 10 minutes before reverting automatically to level III.

■ To set this option, both the fan and the hob lighting must be switched off.

■ Press the run-on option control for approx. 10 seconds. The first fan power setting indicator will light up.

■ Then press in turn,

– the hob lighting control,

– the **–** control, and

– the hob lighting control again.

The indicator lamps for fan power levels I and IV will flash if the automatic switch-off for the Intensive setting is not activated.

- Press the **+** control to activate automatic switch-off.
  The indicator lamps for fan power levels I and IV will now light up constantly.
  Press the **–** control to deactivate the automatic switch-off function.

- Press the run-on option control to confirm your selection.

If you do not confirm your selection within 4 minutes, the cooker hood will automatically revert to the "old" setting.

Run-on option

It is advisable to leave the fan running for a few minutes after cooking has finished to neutralise any lingering odours in the air.

The fan can be set to switch off automatically after either 5 or 15 minutes.

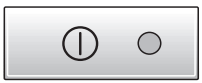
- After cooking has finished, press the run-on option control whilst the fan is still running.

– Press once = The fan will switch off after 5 minutes (left-hand indicator lamp).

– Press twice = The fan will switch off after 15 minutes (right-hand indicator lamp).

To switch off the run-on option, press the run-on option control again. The appliance will then not switch off automatically.

To switch the fan off



- Press the On/Off control to switch the fan off.

The indicator lamp will go out.

To switch the hob lighting on

The hob lighting can be switched on and off independently of the fan.

- **Briefly** press the hob lighting control to switch on the hob lighting.

The indicator lamp will come on.

The lighting will switch on at maximum brightness.

To dim the hob lighting

The brightness of the lighting can be adjusted.

- With the lighting switched on, press and hold the hob lighting control in. The brightness will gradually dim until you release the control.
- Press the control in again to increase the brightness to the level required, and then release it.

If you keep the control pressed in, the light will continually change between bright and dim.

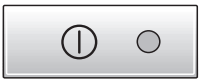
To switch the hob lighting off

- **Briefly** press the hob lighting control to switch the lighting off.

The indicator lamp will go out.

Safety cut-out

Should the cooker hood be left on, the fan will switch off automatically after 10 hours. The lighting will remain on.



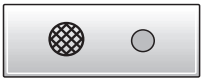
- Pressing the On/Off control will switch the fan back on again.

Filter operating hours counter

The number of hours the appliance has been in operation is stored in memory.

The operating hours counter tells you when the grease filters need to be cleaned.

Resetting the grease filter operating hours counter



After 30 hours of operation (or another time if the operating hours counter has been altered), one of the two grease filter indicator lamps will light up.

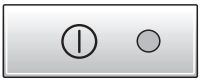
All the grease filters must then be cleaned.

After cleaning and replacing the grease filters, the grease filter operating counter must be reset.

- To do this, while the fan is switched on, press and hold the grease filter control until only the first of the **–** / **+** indicator lamps is flashing.
- The grease filter counter on the other set of controls must also be reset in the same way, even if this operating hours counter has not yet reached its maximum.

Reading the grease filter operating hours counter

To check the percentage of time set already used:



- Press the On/Off control to switch the fan on.

- Press and hold the grease filter control.

One or more of the indicator lamps for the **–** /**+** controls will flash.

The number of flashing lamps shows the percentage of the operating time which has already been used up.

1 lamp = 25 %
2 lamps = 50 %
3 lamps = 75 %
4 lamps = 100 %

The number of operating hours used remains in the memory, even when the appliance is switched off or there is a power cut.

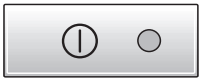
Altering the grease filter operating hours counter

The grease filter operating hours counter is set at the factory for 30 hours. This can be lengthened or shortened to suit the type of cooking you do. You can choose 20, 30, 40 or 50 hours.

– Select a short time if you roast or fry a lot.

– If you use very little fat for cooking, select a longer time.

– If you only cook occasionally we recommend that you still select a short time because grease which has built up gradually over a long period of time will harden on the filter and make cleaning more difficult.



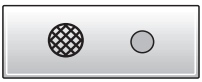
■ Press the On/Off control to switch the fan off.

■ Press the run-on option control and the grease filter control at the same time.

The indicator lamp for the grease filter control and one of the **–** / **+** indicator lamps will flash.

The **–** / **+** indicator lamps show the time which has been set:
1st lamp from the left = 20 hours
2nd lamp from the left = 30 hours
3rd lamp from the left = 40 hours
4th lamp from the left = 50 hours

■ Use the **–** /**+** controls to select the desired time.



■ Confirm the selection by pressing the grease filter control.

All the indicator lamps will go out.

If you do not confirm your selection within 4 minutes, the cooker hood will automatically revert to the "old" data.

⚠ Before any cleaning or maintenance work is carried out, disconnect the cooker hood from the mains supply.
Ensure that:
– it is switched off at the isolator, or
– it is switched off at the wall socket and the plug removed, or
– the fuse from the fused spur connection unit is withdrawn, or
– the mains fuse is withdrawn, or
– the screw-out fuse is removed (in countries where this is applicable).
Please note that this appliance has two electrical connections, and both have to be disconnected for cleaning and maintenance work.

E-Cloth

- A microfibre “E-Cloth” is available from the Miele UK Spare Parts Department or via the internet on www.miele.co.uk which is suitable for cleaning surfaces such as stainless steel, glass, plastic and chrome without the use of chemicals. It can be washed 300 times.

Housing

General

The surfaces and controls are susceptible to scratches and abrasions. Please observe the following cleaning instructions.

- All external surfaces and controls can be cleaned using an E-Cloth, or with warm water and a little washing-up liquid applied with a well wrung-out soft sponge or cloth.
- Wipe the surfaces dry using a soft cloth.

Do not use too much water when cleaning the controls. Water could penetrate into the electronics and cause damage.

Do not use:

– cleaning agents containing soda, acids, chlorides or solvents,

– abrasive cleaning agents e.g. powder cleaners or cream cleaners, and abrasive sponges, e.g. pot scourers or sponges which have been previously used with abrasive cleaning agents. These will damage the surface material.

Important for appliances with stainless steel housing

(This infomation does not apply to the controls).

Stainless steel surfaces can be cleaned using the Miele E-Cloth or with a suitable, non-abrasive, proprietary cleaning agent, following the manufacturer's instructions on the packaging.

To help prevent re-soiling, a proprietary conditioning agent for stainless steel (available from the Miele Spare Parts Department or via the internet on www.miele.co.uk) can also be used.

Important for appliances with lacquered housing

(special order finish)

It is very difficult to clean this type of surface without causing minor marks to the surface material. This can become particularly noticeable with darker colours and if there is halogen lighting in the kitchen.

Controls

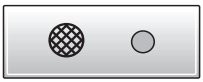
The controls may suffer discolouration or damage if soiling is left on them for too long.
Remove soiling straight away.

Observe the General notes on cleaning earlier in this section.

Do not use stainless steel cleaning agents on the controls.

Grease filters

The re-usable metal grease filters in the appliance remove solid particles (grease, dust, etc.) from the kitchen vapours, preventing soiling of the cooker hood.

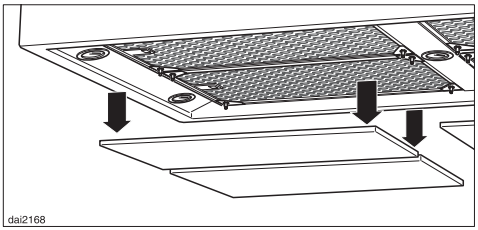


The grease filters should be cleaned regularly (at least every 3-4 weeks) to avoid a build-up of fat but always clean them as soon as one of the grease filter touch control lamps comes on.

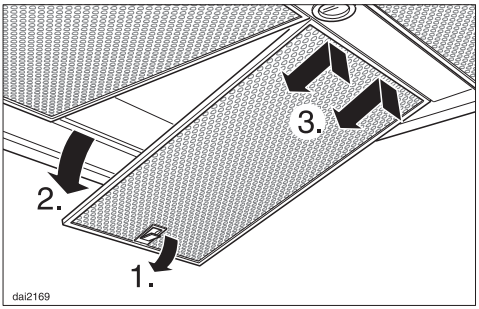
All the grease filters must then be cleaned.

An oversaturated filter is a fire hazard.

If cover panels are fitted as an optional extra, these need to be removed first.



- To do this, disengage them from their catches.
- See the notes under "Housing" for how to clean the cover panels. Like the grease filters, they can be cleaned in the dishwasher.



- To take out the grease filters, release the locking clip on the filters, lower the filters 45°, unhook them at the back and remove them.

To avoid damaging the filters or the hob below, make sure you hold the filters securely at all times when handling them.

Cleaning the grease filters by hand

- Clean the filters with a soft nylon brush in a mild solution of hot water and a little washing-up liquid.
  Do not use "neat" washing up liquid.

Do not use:

– cleaning agents containing descaling agents,

– powder cleaners, cream cleaners or abrasive all-purpose cleaning agents,

– oven sprays.

Cleaning the grease filters in the dishwasher

- Place the filters as upright as possible in the lower basket, with the short sides upright, and wash on a 65°C programme, ensuring the spray arm is not obstructed. If a Miele dishwasher is being used, select the Sensor wash programme.
- Use a mild dishwasher detergent.

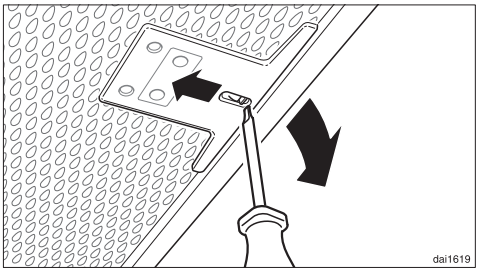
Depending on the cleaning agent used, cleaning the filters in a dishwasher can cause permanent discolouration to the surface. However, this will not affect the functioning of the filters in any way.

- After cleaning, leave the filters to dry on an absorbent surface before replacing them.

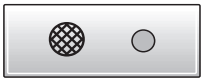
When removing the filters for cleaning, also clean off any residues of oil or fat from the now accessible housing to prevent the risk of these catching fire.

When putting the grease filters back in position, ensure that the locking clips are facing down towards the hob.

Should the grease filters be put back upside down:



- Insert a small screwdriver into the slots as shown to disengage them. Do not let them drop onto the hob below.



After cleaning and replacing the grease filters, the grease filter operating counters must be reset.

- To do this, while the fan is switched on, press and hold the grease filter control until only the first of the **–** / **+** indicator lamps is flashing.
- The grease filter counter on the other set of controls must also be reset in the same way, even if this operating hours counter has not yet reached its maximum.

Changing a halogen lamp

■ Before any cleaning or maintenance work, disconnect the cooker hood from the mains supply. Ensure that–

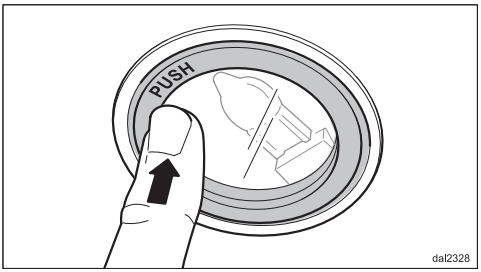
– it is switched off at the isolator, or-

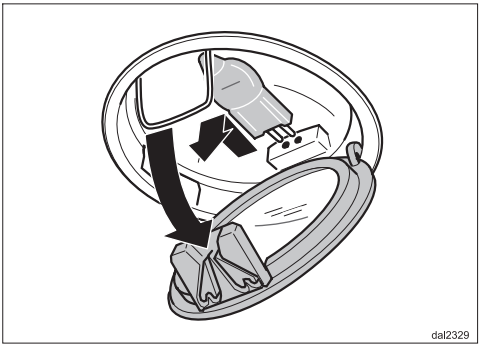
– the screw-out fuse is removed (in countries where this is applicable).

Please note that this appliance has two electrical connections, and both have to be disconnected for cleaning or maintenance work.

⚠ Exercise caution when changing halogen lamps. They get very hot during use and remain hot for some time after being switched off. Let them cool down before you change them.

Do not touch the surface directly when changing a lamp, as grease particles from your fingers will adhere to the surface and damage it. Please follow the manufacturer's instructions.



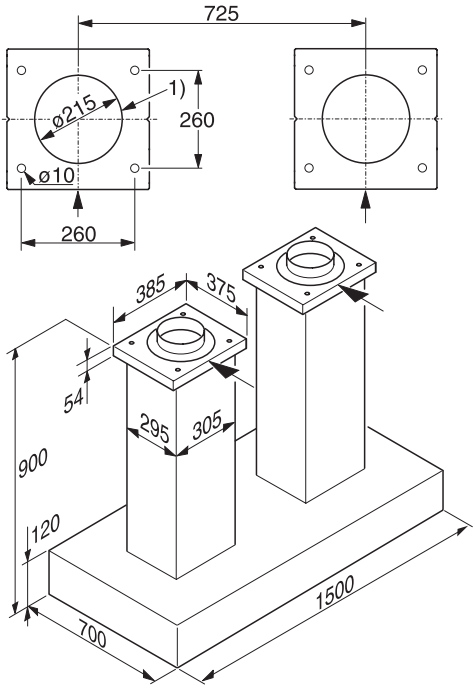


■ To access the halogen lamp, push the lamp cover gently upwards. The cover will open and can be pulled down.

■ Pull the old halogen lamp out of the connection socket and replace it with a new one (20 W, G 4 fitting).

■ Push the cover back up and make sure it clicks into place.

Appliance dimensions



1) Cut-out for feeding through the exhaust ducting and the mains cable

Exhaust connection 2x ∅ 150 mm

Safety distance between hob and cooker hood

The **minimum** safety distances between the top of a cooker or hob and the bottom of the cooker hood are as follows, unless a greater distance is specified by the manufacturer of your cooking appliance:

550 mm	above electric hobs and cookers,
650 mm	above an open grill or deep fat fryer,
650 mm	above gas hobs and cookers.

If this cooker hood is installed above a Miele Wok CS 1028 CombiSet appliance, a minimum safety distance of 760 mm must be maintained between the burner and the lower edge of the cooker hood.

See "Warning and Safety" instructions for further information.

– A distance of 650 mm above the hob may be preferable to give more working space.

Before installation, it is important to read the information given on the following pages as well as the "Appliance dimensions" and the "Warning and Safety instructions" at the beginning of this booklet.
This is particularly crucial when using the cooker hood at the same time as a heating appliance that relies on oxygen from the same room to avoid the danger of toxic fumes building up.

Installation instructions

See enclosed Installation sheet for instructions on how to install this appliance.

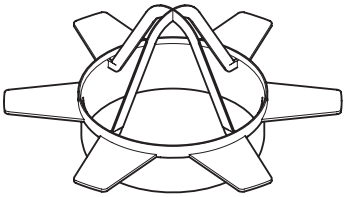
Assembly parts

8 screws 8 x 60 mm with
8 washers and
8 plugs S 10 to secure the cover plates to the ceiling

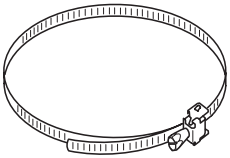
The screws and plugs are for use in concrete ceilings only.
For other types of construction, alternative suitable fixings will be required.
Make sure the ceiling is strong enough to bear the weight of the cooker hood.

4 screws M4 x 8 mm
for securing the towers.

8 spacers
to use in the event of an uneven ceiling.



2 floating brackets
to offer a choice of position for the exhaust cut-outs in the ceiling.



2 hose clips
for securing the exhaust ducting to the floating brackets.

Connection for air extraction

Important: To avoid the danger of toxic fumes, please observe the Warning and Safety instructions. This is especially crucial when using the cooker hood at the same time as another heating appliance which relies on air from the same room. The cooker hood should be installed according to local and national building regulations. Seek approval from the building inspector where necessary.

– All ducting, pipework and fittings must be of non-flammable materials.

– The exhaust ducting should be as short and straight as possible.

– To ensure efficient air extraction, the diameter of the exhaust ducting should not be less than 150 mm.

If exhaust ducting with a diameter of less than 150 mm, or if flat ducting is used, the noise level of the cooker hood will increase and extraction will be less efficient.

Only reduce the diameter of the ducting if absolutely necessary, e.g. where narrower ducting has already been installed.

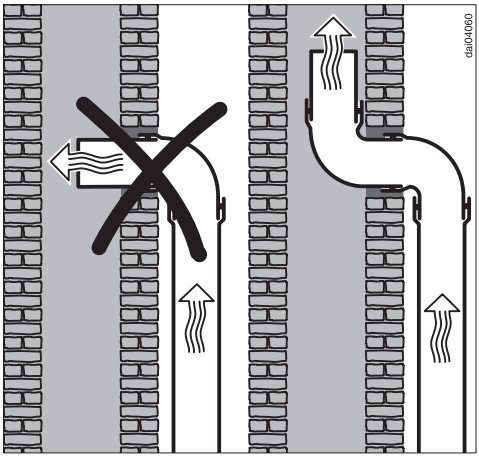
– Only use wide radius bends. Tight bends reduce the air throughput of the cooker hood.

– Only use smooth pipes or flexible hoses made from non-flammable materials for extraction connection.

– Where ducting is horizontal, it must be laid to slope away at at least 1 cm per metre.

This is to ensure that condensate cannot drain back into the cooker hood.

– If the exhaust air is to be ducted into the open air, the installation of telescopic wall vents is recommended.



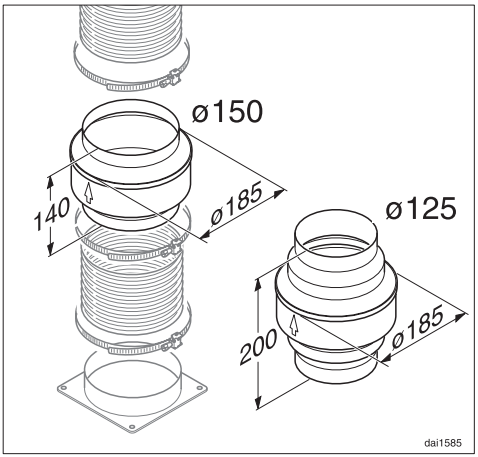
– If the exhaust air is to be ducted into a vent flue, the ducting must be directed in the flow direction of the flue.

Important!

If the exhaust ducting is to run through rooms, ceiling space etc. where there may be great variations in temperature between the different areas, the problem of condensation will need to be addressed. The exhaust ducting will need to be suitably insulated.

Condensate trap

(optional accessory)



In addition to insulating the exhaust ducting, we recommend that two suitable condensate traps are also installed to collect and evaporate any condensate which may occur. Condensate traps are available for ∅ 125 mm or ∅ 150 mm ducting.

When installing condensate traps, ensure that they are positioned vertically and if possible directly above the exhaust connections. The arrow on the housing indicates the direction of air-flow.

Electrical connection

⚠ All electrical work should be undertaken by a suitably qualified and competent person in strict accordance with current national and local safety regulations (BS 7671 in the UK).

Installation, repairs and other work by unqualified persons could be dangerous, for which the manufacturer cannot be held liable.

Ensure power is not supplied to the appliance until after installation or repair work has been carried out.

Do not connect the appliance to the mains electricity supply by an extension lead. These do not guarantee the required safety of the appliance.

The connection data is given on the data plate. This is visible when the grease filters have been removed. Ensure that this data matches the household mains supply.

This appliance requires two electrical mains cables. Each one must be connected via a suitable isolator or a double pole fused spur connection unit which complies with national and local safety regulations. Their On-Off switches should be easily accessible after the appliance has been built in. When switched off there must be an all-pole contact gap of 3 mm in each switch (including switch, fuses and relays according to EN 60 335).

If these switches are not accessible after installation (depending on country), an additional means of disconnection must be provided for all poles.

For extra safety it is advisable to install a residual current device (RCD) with a trip current of 30 mA.

Important

This appliance is supplied for connection to an a.c. 230 V single phase 50 Hz supply.

The wires in the mains lead are coloured in accordance with the following code:

Green/yellow	= earth
Blue	= neutral
Brown	= live

WARNING:
THIS APPLIANCE MUST BE EARTHED

The Miele DSM 400 control module can be used to combine the cooker hood with other components.

As the right and left hand sides of the hood work independently of one another, two control modules are required for this.

If the control modules are disconnected in order to operate the cooker hood without the window contact switch (e.g. after moving house), the cooker hood electronics must be reset by a Miele service technician.

Connection to a window contact switch

If adequate ventilation to the room can only be ensured by having a window open when the cooker hood is in use at the same time as a heating appliance which depends on the air from the same room, then the control modules can be used to connect a window contact switch (not supplied) to the appliance.

Once connnected, the cooker hood can only be operated when the window is sufficiently open (see also "Warning and Safety instructions").

When the window is closed, the cooker hood fans cannot be switched on. The indicator lamps for the On/Off touch controls on the cooker hood will flash.

The cooker hood lighting is not affected by this.

Take care when ventilating the room through an open window that ventilation is not impaired by a closed blind or curtain.

Potential free connection

Potential free connections enable a further appliance to be controlled by the switch setting on the cooker hood fan.

– For instance they can be used to ensure a sufficient supply of fresh air when the cooker hood and a heating appliance which also depends on the air in the room are being used together, by switching on an air intake fan, or opening a motorised inlet flap as soon as one of the cooker hood fans is switched on. It is important to ensure that the fan power is sufficient and that the air intake has a suitable cross-sectional diameter.

– If a sufficient air intake cannot be guaranteed, then the potential free connections will enable a heating appliance, which depends on air in the same room as a cooker hood, to be switched off when the cooker hood is in operation.

See also "Warning and Safety" instructions.

Connection to a light switch

The control modules can be used to switch on the cooker hood lighting and also to dim it, depending on model, via a light switch in the house.

Installation

The cover plates securing the towers to the ceiling need to be removed before the control modules can be fitted into the towers.

The control modules are supplied with their own detailed operating and installation instructions.

In the event of a fault which you cannot correct yourself, or if the appliance is under guarantee, please contact:

– Your Miele Dealer / Chartered Agent

or

– The Miele Customer Contact Centre (see back cover for address).

When contacting your Dealer or Miele, please quote the model and serial number of your appliance. These are shown on the data plate which is visible when the grease filter is removed.

For G.B.: Please note that telephone calls may be monitored and recorded for training purposes.

Technical data

Total connected load. . . . . 520 W
– Fan motors . . . . . 2 x 200 W
– Hob lighting . . . . . 6 x 20 W

Voltage . . . . . AC 230 V

Frequency . . . . . 50 Hz

Fuse rating . . . . . 13 A

Weight . . . . . 70.7 kg

Fan performance according to EN 61591

Exhaust system ducting
2 x ∅ 150 mm:

Level I . . . . . 350 m^3/h
Level II. . . . . 650 m^3/h
Level III . . . . . 950 m^3/h
Level IV Intensive Setting . . . 1,350 m^3/h

Unrestricted . . . . . 1,450 m^3/h

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